

# EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15	("20010051426"   "20020068385"   "5391516"   "5523626"   "5674781"   "6005291"   "6187680"   "6191023"   "6239494"   "6242078"   "6333559"   "6350667"   "6410986"   "6435398"   "6620720").PN. OR ("6960831").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:15
L5	2	("20010051426").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 10:17
L6	15	("20010051426"   "20020068385"   "5391516"   "5523626"   "5674781"   "6005291"   "6187680"   "6191023"   "6239494"   "6242078"   "6333559"   "6350667"   "6410986"   "6435398"   "6620720").PN. OR ("6960831").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:19
L7	2061007	@ad> "19990425" @rlad> "19990425" @ptfd> "19990425"	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:19
L8	1	6 and probe not L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:19
L11	20	(probe probing) with (barrier adj layer) not L7	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:24
L12	26	(probe probing) with (barrier adj layer) not (L7:L11)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:27
L13	2317330	semiconductor integrated adj circuit ic "438"/\$.ccls. "257"/\$.ccls. 228/180.22 not 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:11
L14	413536	probe probing not 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:27
L16	5408	14 with pad and 13 not 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:30
L17	16	14 with pad with barrier and 13 not 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:45
L18	8	(US-5508229-\$ or US-5461261-\$ or US-5130275-\$ or US-6117299-\$ or US-4922322-\$ or US-5277756-\$ or US-6960831-\$).did. or (JP-2003347337-\$).did.	USPAT; JPO	OR	ON	2006/06/20 10:43
L20	2	(probe probing) and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:44
L21	155	14 with barrier and 13 not (7 12)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:02
L22	8	probed with barrier and 13 not (7 12)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:07
L24	6499	(438/17,FOR.101,FOR.102,FOR.142.ccls. 257/48,e21.521-e21.531.ccls.) not 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:17
L25	234	barrier and 24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:19
L27	120	(probe probed probing) and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:19
L29	273687	(probe probing probed) not 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:27

# EAST Search History

L30	13625	any adj stage not 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:28
L31	3	29 with 30 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:29
L32	15	any adj stage and 24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:30
L33	25	("4950623"   "5289631"   "5470787"   "5495667").PN. OR ("5597737").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:45
L34	10	33 not 7	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:46
L35	5	29 and 34	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:51
L36	1	"4968931".PN.	USPAT; USOCR	OR	ON	2006/06/20 11:48
L37	2	(under adj bump underbump) with 29	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:52
L38	7	test\$5 with (underbump under adj bump) not 7	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:53
L39	8	(US-5508229-\$ or US-5461261-\$ or US-5130275-\$ or US-6117299-\$ or US-4922322-\$ or US-5277756-\$ or US-5793117-\$ or US-5597737-\$).did.	USPAT	OR	ON	2006/06/20 13:22
L40	6	(copper cu) with (gold eu) and 39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:22
S1	1	"10914235".rlan. or ("10".src. and "914235".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/06/19 19:41
S3	7	("5719070" "5821627" "6111317").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 19:42
S4	2	"09478508".rlan. or ("09".src. and "478508".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/06/19 20:59
S6	2	"11118543"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 21:00
S7	53	"118543"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 21:00
S8	38	("4912545"   "4922322"   "5196726").PN. OR ("5821627").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 21:04
S9	2057585	@ad> "19990425" @rlad> "19990425" @pt1d> "19990425"	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 21:06
S10	11	S8 not S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 21:06
S11	29	("3141226"   "4244002"   "4418857"   "4494688"   "4502210"   "4518112").PN. OR ("4922322").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 21:12
S12	24	S11 not (S10 S9)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 21:25
S13	175	("3392442"   "3508118"   "3625837"   "3655544"   "3959522"   "3986255"   "4000842"   "4087314"   "4188438"   "4505029"   "4510017"   "4519872"   "4671852"   "4673772"   "4701363"   "4787958"   "4792532"   "4810620"   "4812421"   "4875617"   "4880708"   "4922322"   "4927505"   "5094979"   "5108950"   "5118584"   "5124269"   "5130275"   "5197654"   "5208186"   "5266156"   "5324683").PN. OR ("5130275"   "5277756"   "5461261"   "5508229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 21:41
S14	79	S13 not (S12 S10 S9)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 21:54

## EAST Search History

S15	207	257/e23.015.ccls. not S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 22:04
S16	1	(probe probing) with (wetting adj layer) not S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 22:06
S17	134	(probe probing) with wetting not S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 22:08
S18	20	(probe probing) with (barrier adj layer) not S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 22:10
S20	26	(probe probing) with (barrier adj layer) not (S9 S18)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 22:14
S21	2	("6960831").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 22:14
S22	2	prob\$3 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 10:17
S23	1	"5391516".PN.	USPAT; USOCR	OR	ON	2006/06/19 22:16